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Amendments to the Claims

Please amend the claims as follows:

1 - 27 (cancelled)

28. (Currently amended) A transceiver that provides an interface between a television camera and a fiber optic cable, where the television camera transmits one or more input baseband television signals and receives one or more output baseband television signals, and the fiber optic cable carries one or more output optical signals from the transceiver and one or more input optical signals to the transceiver, the transceiver comprising:

a transmitter that receives the input baseband television signals, converts the input baseband television signals into the output optical signals, and transmits the output optical signals to the fiber optic cable, wherein the input baseband television signals are not arranged in a frequency division multiplex format;

a receiver that receives the input optical signals, converts the input optical signals into the output baseband television signals, and transmits the output baseband television signals to the television camera, wherein the output baseband television signals are not arranged in a frequency division multiplex format; and

a housing that contains the transmitter and the receiver, the housing having features that configure it to be directly or indirectly coupled to one or more features on the television camera;

and

a circuit that selects a power source for the transceiver from one of a nominal 12 volt direct current signal from the television camera and a nominal 12 volt direct current signal from a battery, where the battery is directly coupled to the housing.